SP 19 700 E EQUENCE LISTING

RECEIVED

SEP 2 1 2001

<110> FAIRLIE, AAVID
 MAXWELL, STEPHEN
 FINCH, ANGELA MONIQUE
 WONG, ALLAN

TECH CENTER 1600/2900

<120> CYCLIC ANGONISTS AND ANTAGONISTS OF C5a RECEPTORS AND G PR
OTEIN-COUPLED RECEPTORS

<130> 10648-0001-0PCT

<140> 09/446,109

<141> 2000-04-21

<150> PCT/AU98/00490

<151> 1998-06-25

<150> AU P07550

<151> 1997-06-25

<160> 24

<170> PatentIn version 3.1

<210> 1

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 1

Ile Ser His Lys Asp Met Gln Leu Gly Arg
1 5 10

<210> 2

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 2

Tyr Ser Phe Lys Asp Met Gln Leu Gly Arg
1 5 10

```
<210>
      3
<211>
      10
<212>
       PRT
<213>
      Artificial Sequence
<220>
<223>
      synthetic peptide
<220>
<221> misc_feature
<222> (9)..(9)
<223> Xaa is D-Ala .
<400> 3
Tyr Ser Phe Lys Asp Met Pro Leu Xaa Arg
<210>
      4
<211>
      10
<212>
      PRT
<213>
      Artificial Sequence
<220>
<223>
      synthetic peptide
<220>
<221> misc_feature
<222> (9)..(9)
<223> Xaa is D-Ala
<400> 4
Tyr Ser Phe Lys Pro Met Pro Leu Xaa Arg
                5
<210>
      5
<211> 21
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> misc_feature
<222> (11)..(11)
```

```
<223> MOD RES: Acp
                                                     RECEIVED
<220>
<221> misc feature
                                                        SEP 2 1 2001
<222> (20)..(20)
<223> Xaa is D-Ala
                                                    TECH CENTER 1600/2900
<400> 5
Arg Ala Ala Arg Ile Ser Leu Gly Pro Arg Xaa Tyr Ser Phe Lys Pro
                5
                                    10
Met Pro Leu Xaa Arg
            20
<210> 6
<211>
      20
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> misc feature
<222> (10)..(10)
<223> MOD_RES: Acp
<220>
<221> misc_feature
<222> (19)..(19)
<223> Xaa is D-Ala
<400> 6
Lys Tyr Lys His Ser Val Val Lys Lys Xaa Tyr Ser Phe Lys Pro Met
                5
                                                        15
Pro Leu Xaa Arg
            20
<210>
<211> 6
```

<212> PRT

```
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> MOD_RES
<222> (1)..(1)
<223> METHYLATION
<220>
<221> misc_feature <222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<400> 7
Phe Lys Pro Xaa Trp Arg
<210> 8
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> MOD_RES
<222> (1)..(1)
<223> METHYLATION
<220>
<221> misc feature
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<220>
<221> MOD RES
<222> (6)..(6)
<223> residue is substituted with (CO)NH2
<400> 8
Phe Lys Pro Xaa Trp Arg
```

```
1
<210> 9
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> MOD_RES
<222> (1)..(1)
<223> METHYLATION
<220>
<221> misc_feature
<222> (4)..(4)
<223> Xaa is D-cylcohexylalanine
<400> 9
Phe Lys Pro Xaa Trp Arg
<210> 10
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> MOD RES
<222> (1)..(1)
<223> METHYLATION
<400> 10
Phe Lys Pro Leu Trp Arg
<210> 11
<211> 6
<212> PRT
```

```
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> SITE <222> (2)..(6)
<223> cyclic portion
<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> misc feature
<222> (4)..(4)
<223> Xaa is D-cylcohexylalanine
<400> 11
Phe Lys Pro Xaa Trp Arg
                5
<210> 12
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> .MOD RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> misc_feature
<222> (2)..(2)
<223> Orn
<220>
<221> misc_feature
<222> (4)..(4)
```

```
<223> D-cyclohexylalanine
<220>
<221> SITE
<222> (2)..(6)
<223> cyclic portion
<400> 12
Phe Xaa Pro Xaa Trp Arg
                5
<210> 13
<211> 5
<212> PRT
<213> Artificial Sequence
<220>
<223>
      synthetic peptide
<220>
<221> SITE
<222> (1)..(2)
<223> between residues 1 and 2: (CH2)-NH2
<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (1)..(5)
<223> cyclic portion is from residue 5 and the (CH2) NH2 moiety
present
       between residues 1 and 2
<400> 13
Phe Pro Xaa Trp Arg
<210>
      14
<211>
```

<212> PRT

```
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> misc_feature <222> (3)..(3)
<223> Xaa is D-cyclohexylalanine
<220>
<221> misc_feature
<222> (1)..(2)
<223> between residues 1 and 2: (CH2)-NH2
<220>
<221> SITE
<222> (1)..(5)
<223> cyclic portion is from residue 5 and the (CH2)-NH2 moiety
between
       residues 1 and 2
<400> 14
Phe Pro Xaa Trp Arg
                5
<210> 15
<211> 5
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> misc_feature <222> (1)..(2)
<223> between residues 1 and 2: (CH2)2-NH2
<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa is D-cyclohexylalanine
<220>
```

```
<221> SITE
<222> (1)..(5)
<223> cyclic portion is from residue 5 and the (CH2)2-NH2 moiety
 betwee
      n residues 1 and 2
<400> 15
Phe Pro Xaa Trp Arg
<210> 16
<211>
      5
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> misc_feature
<222> (1)..(2)
<223> between residues 1 and 2: (CH2)2-NH2
<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (1)..(5)
<223> cyclic portion is from residue 5 and the (CH2)2-NH2 moiety
betwee
       n residues 1 and 2
<400> 16
Phe Pro Xaa Trp Arg
                5
<210> 17
<211> 6
<212> PRT
<213> Artificial Sequence
```

```
<220>
<223>
      synthetic peptide
<220>
<221> MOD RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> misc_feature
<222> (2)..(2)
<223> Xaa is Orn
<220>
<221> misc_feature <222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<220>
<221> misc_feature
<222> (2)..(6)
<223> cyclic portion
<400> 17
Phe Xaa Pro Xaa Trp Arg
1
<210> 18
<211>
      6
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> MOD RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> misc_feature
<222> (2)..(2)
<223> Orn
```

```
<220>
<221> misc_feature
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (2)..(6)
<223> cyclic portion
<400> 18
Phe Xaa Pro Xaa Trp Arg
<210> 19
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> misc_feature
\langle 222 \rangle (4)...(4)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (1)..(6)
<223> cyclic portion
<400> 19
Phe Trp Pro Xaa Trp Arg
                5
<210> 20
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic peptide
```

```
<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> misc feature
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (2)..(6)
<223> cyclic portion
<400> 20
Phe Lys Met Xaa Trp Arg
<210> 21
<211> 6
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> misc_feature
<222> (4)..(4)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (2)..(6)
<223> cyclic portion
<400> 21
```

```
Phe Lys Lys Xaa Trp Arg
                5
<210> 22
<211>
<212>
      PRT
<213> Artificial Sequence
<220>
<223>
      synthetic peptide
<220>
<221> MOD RES
<222> (1)..(1)
<223> ACETYLATION
<220>
      SITE
<221>
<222> (2)..(2)
<223> Xaa is (CH2)-NH2
<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa is D-cyclohexylalanine
<220>
<221> SITE
<222> (1)..(5)
<223> cyclic portion is from residue 5 and the (CH2)-NH2 moiety
between
       residues 1 and 2
<400> 22
Phe Pro Xaa Trp Arg
                5
<210> 23
<211> 5
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic peptide
```

```
<220>
<221> MOD RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> SITE
<222> (1)..(2)
<223> between residues 1 and 2: (CH2)-NH2
<220>
<221> misc_feature
<222> (3)..(3)
<223> residue is D-cyclohexylalanine
<220>
<221> SITE
<222> (1)..(5)
<223> cyclic portion is from residue 5 and the (CH2)2-NH2 moiety
 betwee
       n residues 1 and 2
<400> 23
Phe Pro Xaa Trp Arg
<210> 24
<211>
      7
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic peptide
<220>
<221> MOD RES
<222> (1)..(1)
<223> ACETYLATION
<220>
<221> misc_feature
<222> (3)..(3)
<223> Orn
```

<220>
<221> misc_feature
<222> (5)..(5)
<223> Xaa is D-cyclohexylalanine

<220>
<221> SITE
<222> (3)..(7)
<223> cyclic portion

<400> 24

Lys Phe Xaa Pro Xaa Trp Arg
1